

Technical Information

Fusion - GLDSS 43"H Refrigerated Self-Service Case

Structural Concepts®

DELIVERING FRESH. ALWAYS.™

DIMENSIONS / SHIPPING

Model	L"	L1"	L2"	Est Wt (lbs)
GLDSS443R	48.750	50.750	3.500	N/A
GLDSS543R	60.625	62.625	3.500	N/A
GLDSS643R	73.125	75.125	3.500	N/A
GLDSS843R	97.500	99.500	3.500	N/A
GLDSS1043R	121.125	123.125	40.500	N/A
GLDSS1243R	146.250	148.250	45.250	N/A

ELECTRICAL

Model	System Circuit Volts			Ph	Frq	Rated Load Amps	Min Cir Amps	Max OCP Amps	Watts	Wires	NEMA Plug	Amps Lights	Amps Fans	Amps Anti-Sweats	Amps Misc/Refrig/Heat
GLDSS443R	Remote (DX)	Circuit #1	110-120	1	60	0.48	15	15	36	2+G	Leads Multiple		0.30	0.18	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	0.48	15	15	36	2+G	Leads Multiple		0.30	0.18	N/A
	Self-Contained (R449A)	Circuit #1	110-120	1	60	14.57	20	20	1,280	2+G	5-20P or L5-20P	N/A	1.43	4.14	9.00
GLDSS543R	Remote (DX)	Circuit #1	110-120	1	60	1.07	15	15	85	2+G	Leads Multiple		0.60	0.47	N/A
	Self-Contained (R404A)	Circuit #1	110-120	1	60	14.87	20	20	1,353	2+G	5-20P	N/A	1.80	4.07	9.00
	Self-Contained (R449A)	Circuit #1	110-120	1	60	14.81	20	20	1,293	2+G	5-20P	N/A	1.74	4.07	9.00
GLDSS643R	Remote (DX)	Circuit #1	110-120	1	60	1.14	15	15	93	2+G	Leads Single		0.60	0.54	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.14	15	15	93	2+G	Leads Single		0.60	0.54	N/A
	Self-Contained (R449A)	Circuit #1	208-240	1	60	10.83	15	15	1,961	2+G	6-15P or L6-15P	N/A	1.18	3.55	6.10
GLDSS843R	Remote (DX)	Circuit #1	110-120	1	60	0.97	15	15	72	2+G	Leads Multiple		0.60	0.37	N/A
	Self-Contained (R449A)	Circuit #1	208-240	1	60	11.77	15	15	1,854	2+G	6-15P or L6-15P	N/A	1.18	3.59	7.00
GLDSS1043R	Remote (DX)	Circuit #1	110-120	1	60	1.67	15	15	113	2+G	Leads Multiple		1.20	0.47	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.67	15	15	113	2+G	Leads Multiple		1.20	0.47	N/A
GLDSS1243R	Remote (DX)	Circuit #1	110-120	1	60	1.45	15	15	108	2+G	Leads Multiple		0.90	0.55	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.45	15	15	108	2+G	Leads Multiple		0.90	0.55	N/A

REFRIGERATION

Model	Zone	Section	System	Envt	REMOTE REFRIGERATION					GLYCOL / R744 REFRIGERATION			
					SST (°F)	Conv. Rack BTUH	Para. Rack BTUH	Defrost Interval (Hrs)	Defrost Duration	Total GPM	Pressure Drop (psi)	Concent (%)	Liquid Temp (°F)
GLDSS443R	All	Main	Remote-DX	Type I	20	3,283	3,040	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	3,283	3,040	4.00	45.00	1.50	7.40	35%	20.00
	All	Main	Self-Contained-R449A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GLDSS543R	All	Main	Self-Contained-R404A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	All	Main	Remote-DX	Type I	20	4,061	3,760	4.00	30.00	N/A	N/A	N/A	N/A
GLDSS643R	All	Main	Remote-DX	Type I	20	4,838	4,480	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	4,838	4,480	4.00	25.00	2.00	3.01	35%	20.00
	All	Main	Self-Contained-R449A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GLDSS843R	All	Main	Remote-DX	Type I	20	6,480	6,000	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Self-Contained-R449A	Type I	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
GLDSS1043R	All	Main	Remote-DX	Type I	20	8,122	7,520	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	8,122	7,520	4.00	30.00	2.50	3.50	35%	20.00
GLDSS1243R	All	Main	Remote-DX	Type I	24	9,613	8,901	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	9,613	8,901	4.00	30.00	4.50	9.30	35%	20.00

INTENDED ENVIRONMENT

Type I - Designed to operate in ambient conditions of 75°F with 55% relative humidity unless noted otherwise under Envt above.

WARMEST AVERAGE PRODUCT TEMP & INTENDED USE OF ZONES

Zone	Temp (°F)	Intended Use
1	40	Packaged refrigerated products

IMPORTANT NOTES

- 1) ELECTRICAL NOTE: If GFCI is required, a GFCI breaker MUST be used in lieu of a GFCI receptacle.
- 2) 50" minimum door entry clearance required (without shipping skid).
- 3) Units must be shimmed during installation to ensure the unit is level and plumb.

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REGULATORY	
All Models	Accordance with AHRI Std 1200 ETL Listed to UL 471 ETL Listed to CAN/CSA 22.2 No. 120 ETL Sanitation to NSF/ANSI 7



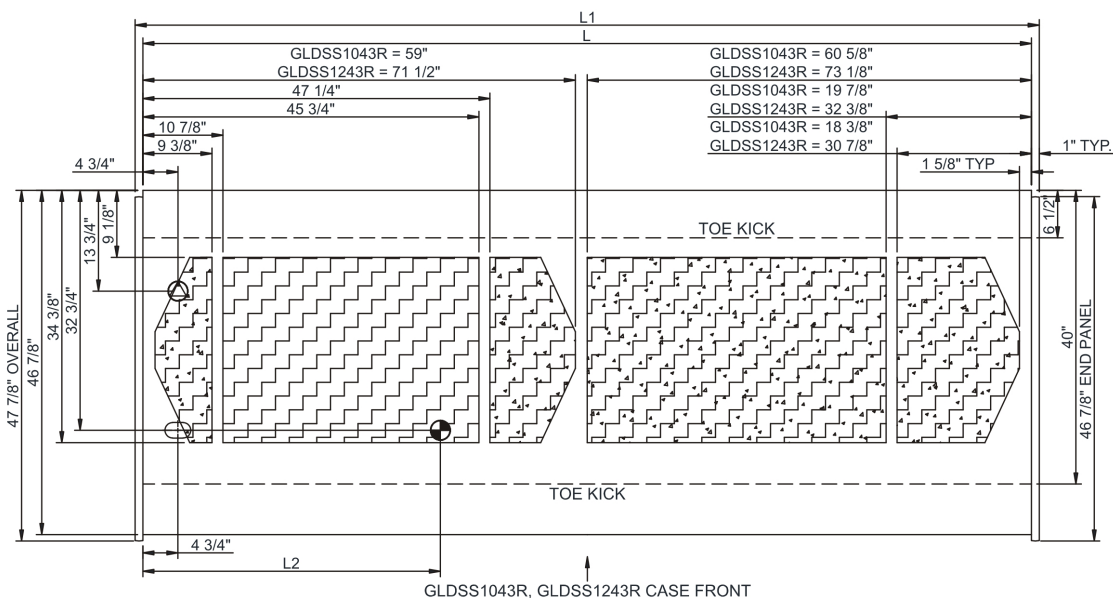
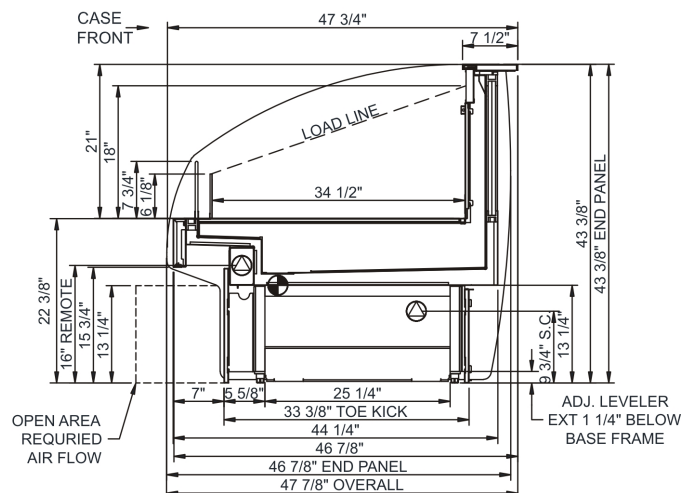
In Accordance with
AHRI Std 1200


NOTE: ALL DIMENSIONS APPROXIMATE


- ELECTRICAL JUNCTION BOX
(SUPPLIED WITH 6" LEADS OR POWER CORD).
- REFRIGERATION LINE CONNECTION.
- SELF-CONTAINED CASE SERVICE ACCESS AREA.
- LOCATION OF DRAIN TUBE FOR REMOTE REF.
ONLY (SUPPLIED WITH 3/4" OR 1 1/2" PVC TUBE).
- REMOTE FLOOR SINK & UTILITIES
ACCESS AREA.
- DRY CASE SERVICE ACCESS AREA.

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